

In the Specification:

At page 1, lines 8-9, please delete "to be assigned" and insert --60/073,674--.

At page 1, line 10, please delete "contents" and insert --content--.

(N.E.) → At page 7, line 14, before "Preferably", please insert the following text:

--Additional exemplary high stringency conditions include hybridization at about 42°C and about 50% formamide, a first wash at about 65°C, in about 2 X SSC and 1% SDS, followed by a second wash at about 65°C in about 1 X SSC and 0.1% SDS. Lower stringency conditions for detecting RAC3 genes having about 85% sequence identity to the RAC3 genes described herein include, for example, hybridization at about 42°C in the absence of formamide, a first wash at about 42°C, in about 6 X SSC and about 1% SDS, and a second wash at about 50°C, in about 6 X SSC and about 1% SDS.--

At page 9, between lines 34 and 35, please insert the following paragraph:

61
--Also preferred are "substantially identical" polypeptides. A "substantially identical" polypeptide sequence is an amino acid sequence that differs from a given sequence only by conservative amino acid substitutions, for example, substitution of one amino acid for another of the same class by one or more non-conservative substitutions, deletions, or insertions located at positions of the amino acid sequence which do not destroy the function of the polypeptide (assayed, e.g., as described herein).--

In the Claims:

Please cancel without prejudice or disclaimer claims 3, 6, 12, 13 and 19-41.

Please amend claims 1, 2, 4, 5, 8, 10, and 11, as follows:

1. (Amended) An isolated nucleic acid molecule which encodes a RAC3 protein, comprising a nucleotide sequence at least [about 70% homologous] 80% identical to [a] the nucleotide sequence of SEQ ID NO:1[or a complement thereof].

C1001
2. (Amended) The isolated nucleic acid molecule of claim 1 comprising the coding sequence of SEQ ID NO:1[, or a complement thereof].

C13
4. (Amended) The isolated nucleic acid molecule of claim [2, further] 1 comprising [about nucleotides 3136-3622] a nucleotide sequence at least 90% identical to the nucleotide sequence of SEQ ID NO:1.

C14
5. (Amended) The isolated nucleic acid molecule of claim 1 comprising the nucleotide sequence of SEQ ID NO:1 [or a complement thereof].

C14
8. (Amended) An isolated nucleic acid molecule comprising a nucleotide sequence encoding a protein which comprises an amino acid sequence [at least about 70% homologous] which is substantially identical to the amino acid sequence of SEQ ID NO:2.

C15
10. (Amended) An isolated nucleic acid molecule encoding a RAC3 protein comprising a nucleotide sequence which hybridizes under [stringent] hybridization conditions of hybridization in 50% formamide at 42°C followed by washing in 1XSSC/0.1%SDS at 65°C to a nucleic acid molecule [comprising] which is the [nucleotide] complementary sequence of SEQ ID NO:1.

C15
11. (Amended) An isolated nucleic acid molecule at least [500] 1000 nucleotides in length which encodes a RAC3 protein, wherein said nucleic acid molecule hybridizes under [stringent] hybridization conditions of hybridization in 50% formamide at 42°C followed by washing in 1XSSC/0.1%SDS at 65°C to a nucleic acid molecule [comprising] which is the [nucleotide] complementary sequence of SEQ ID NO:1.

Please add new claims 42-48, as follows:

C16
--42. (New) An isolated nucleic acid molecule at least 200 nucleotides in length which encodes a RAC3 protein comprising an N-terminal steroid receptor interacting domain which is substantially identical to amino acids 613 to 752 of SEQ ID NO:2, wherein said nucleic acid molecule hybridizes under hybridization conditions of

hybridization in 50% formamide at 42°C followed by washing in 1XSSC/0.1%SDS at 65°C to a nucleic acid molecule which is the complementary sequence of SEQ ID NO:1.

43. (New) The isolated nucleic acid molecule of claim 42 which encodes a RAC3 protein comprising amino acids 613 to 752 of SEQ ID NO:2.

44. (New) An isolated nucleic acid molecule at least 200 nucleotides in length which encodes a RAC3 protein comprising a C-terminal transactivating domain which is substantially identical to amino acids 1018 to 1179 of SEQ ID NO:2, wherein said nucleic acid molecule hybridizes under hybridization conditions of hybridization in 50% formamide at 42°C followed by washing in 1XSSC/0.1%SDS at 65°C to a nucleic acid molecule which is the complementary sequence of SEQ ID NO:1.

45. (New) The isolated nucleic acid molecule of claim 42 which encodes a RAC3 protein comprising amino acids 1018 to 1179 of SEQ ID NO:2.

46. (New) An isolated nucleic acid molecule which encodes a RAC3 protein, comprising a nucleotide sequence at least 90% identical to the nucleotide sequence of SEQ ID NO:1.

47. (New) An isolated nucleic acid molecule at least 200 nucleotides in length which hybridizes under hybridization conditions of hybridization in 50% formamide at 42°C followed by washing in 1XSSC/0.1%SDS at 65°C to a nucleic acid molecule which is the complementary sequence of the coding region of SEQ ID NO:1.

48. (New) The isolated nucleic acid molecule of claim 46 which is at least 1000 nucleotides in length.--